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Of the yellow fever - 77

Bilious remittent 79 Febriacula 80

Cholera morbus 80

Dysentery & Dysenterica 91

Intermittents. 91

✓ It prevailed in Virginia in 1737. & 1748
chiefly in winter & spring. was bro't
from ~~Bahama~~ West Indies by the King's
Ships. Dr Mitchell - It is not
~~infectious~~ contagious in West Indies & is
~~spread~~ so here by cold. Bro't once from
~~Bahamas~~ to Philad^a in some wearing apparel,
in the fall & carried off over 300 people.

Of the yellow fever - called also
the bilious fever. —

It is common in all the West Indian
Islands, but affects Strangers chiefly. ^{Parties &c}
— even negroes or male women. Eruption in North
The predisposing causes are fatigue & in-
— ^{— Carolina.} —
— [—] — and above all intemperance.

The Customs of the West Indians lead to it.
Is not contagious in West Indies — But
spreads when exported, ^{to a cooler climate} as happened in
Philad^a from Clonctis last from Barbadoes.
200 died with it. —

For a history of the disease see D^r Hume
p: 197. —

"Flushing in the face — ^{Redness} ~~redness~~ burning
— & pain in the eyes — oppression at the
precordia — sickness at stomach — vio-
— lent itchings, bilious yellow vomitings —
great anxiety — wth frequent sighings" are

+ But it is not an invariable symptom.
Dr Mosely. He says those who recover seldom
have it.

✓ The disease was often caused before it was
completely formed by an Emetic & the loss
of 6 or 8 ounces of blood. Sudorifics were
likewise now proper, but harmful after =
wards - after inflammation had begun in
the stomach - bowels & liver which disquisitions
showed always to be present. Dr Mitchell.

Dr Mosely says too it was caused by vs.
or a dose of salts when only forming, or
when, yawning - stretching &c only attended.

Dr Mosely recommends it even when pulse is
low & faintness attends rises with vs. - sh^d be used
as frequently & copiously as in inflammation. He
calls it an inflamm fever. p. 430. an accidental

characteristic symptoms according to Dr Hillary. —

I have seen it in 1762, & comes in the
 history. There is burns to the touch ab^d
 the jaundice. The yellowness appears first
 round the mouth - eyes - temples & neck. ⁺ The
 sooner it appears - the greater danger. It
 generally comes on 2nd or 3rd day. If it delays
 to ^{5th} ~~4th~~ day is favourable. —

Hæmorrhages - unfavourable - most so
 from the Anus. Stools like molasses unfavourable.
 also a sudden desire to discharge them.
 Small boils or carbuncles breaking out
 on the breast - sides - shoulders - or hips prove
 critical. Favourable also near the Blisters.

An eruption of Clusters of pimples like
 the measles on the pit of the stomach
 favourable. Dr Home & Dr Thomey. also
 yellowness not before the 4th or 5th day. —
Cure ! Stiff. ✓

1 Bleeding - Dr Home & Dr Hillary agree in
 this remedy. Case of a man in 1762. #

opening of abdomen after vs: & a profusion of blood in the
bed was caused. p. 291.

V Dr Balfour suppresses the yellow color
owing to a defect of early evacuations.

1790

V. During the present autumn, all our
Permittents have required bleeding, & the
^{blood} ~~bleeding~~ in all cases ^{has been} dry. In some cases the
vs: has been repeated two or three times. The
Liver was much affected in most of them,
and the disease ~~was~~ often put on all the
symptoms of Hepatitis, but was distinguish-
ed from it by coming on or going off with symp-
toms of intermitting or remitting fever.
One case only terminated in Abscess after
five bleedings, but it has ended favourably.
The inflam^d disposition in our Abdominal
fever was lost on by our coolers.

2 purging. 3 Sal Glander V 79
 3 Cool Air. 4 Cold Drinks - Dr Hume speaks
 highly of them. ^{McKilly's water used in bilious}
^{fevers.} ~~Cocoa nut liquor agreeable.~~
 5 Blisters to the thighs. 6 ~~Bark~~ ^{vomiting improper. no}
^{in port wine - if rejected by the stomach}
^{crisis was from it. - mostly p. 14/34}
~~in Glysters - Vomiting to be checked by~~
^{also cocoa milk - Riverius's}
 Bitters, especially ^{Columba root} - Vomits
^{mixtures according to Dr Badmaey. & nuxvomica.}
 seldom proper - Opiates harmful. Toment.
 useful to the Romanes. -
 2nd Stage -

All the remedies before mentioned. See
 enough - alarming sign - Oil of amber used it. Be
Bilious intermittent

Common all over the World. See Pringle -
 Claghorn - Morison &c. Common in this
 city. The description in the Volume of
 says a picture of it here. ^{see} Dr Cullen's Varieties
 of it under the head of ^{intermittents}.

Remedies - 1 Vset. 2 V.

2 Vomits of ^{Emet.} - if forbidden by
^{a disposition to}
 prejudice - pregnancy - or hæmatymesis
 then 3 purges. 4 Blisters 5 Bark. to be given

✓ Dr Balfour gave from 3 to 5 grains a day of opium with the bark. It is always safe where the skin is open, and the head free of pain. Visual Obstructions not regarded by him.

Mr Bruce has thrown light on the means of preventing these fevers. - These are pepper in diet even Rice so much as to inflame the throats of people not used to it. Avoiding spirits - Broths - and ripe fruit which after being phlegmed has been exposed to the sun. - making the chief meal at night when the cool air restores the tone of the stomach. - Sleeping in a smokeey house. Dr Filtoir's hospitals, & Count Lave's remark in favor of earthen floors. -

✓ I have said that yellow fever. Inflam^{tion} bilious fever - mild ~~intermittent~~ ^{Remittent} - Intermittent - Chronic fever in ~~the form of~~ ^{its} typhoid & typhus types, afflicula or inward fever - are all the offspring of miasmeta diff

in the first interruption. If disagrees ^{the} with the stomach - Lk. may be added to it - with lime juice. 6 Lk. at bedtime - after full -
-ness & tension removed from the system.

Febriacula

Common in this Country, ^{in the Autumn} called in Maryland "mucous fever". Increases at night, but not so bad as to confine the patient to his bed, or to affect his head -
- or appetite. Sometimes ~~but~~ it is attended by Dysentery. I have been baffled for many years in attempting to cure it - Bark - Wine Vomits all tried to no purpose I have at last found ^{occasional &c.} Blisters & Opium its only & most effectual remedies. — ✓

Cholera morbus

From the cause of this disease - ^{the} Attacks in the Attacks. I think it properly comes

modified, or more influenced by the constitution of the atmosphere — I have said they prevail in different years singly, or all in the same years in different persons as in 1802 in Philad^a. I now add that that two or more forms of them sometimes appear in the same persons, & sometimes all these forms in the same person. Both have often occurred in the course of my practice & in 1802. I have thus given a general Acc^t of the eleven.

✓ It differs from fever in the convolution being transferred from the arterial system, to the alim^y canal. —

○ primary states of fever. All the other forms of fever will be included in them. You are not to expect to find them ^{uniform} according to their names. Eg you will find Interm^t fever & malignant combined, & even the febricula & malignant in the same person. This is the case in the walking states of yellow fever. Again you will

with

81

in ~~after~~ Antennal fever. It occurs in July
& August - ~~is the~~ The first disease after the
influence of the cold weather ^{the preceding winter} has ceased on
the system. Its most frequent cause - Cool or
Damp Air after a warm day - & generally
occurs in the night - one knows it in a
thunder gust - but seldom unless the windows
are left open - The air is probably impreg-
nated wth Effluvia - or if not the debility
induced by the cold air during the extreme
heat of the body produces unequal determi-
nation - and of course excels of ^{ing} action in
the alimentary canal. But Acid substances,
& even summer fruit evolving an excess of
acid have the same effect - yes - but they
support our proximate cause, & show that
the remote causes of fever act on the ali-
mentary canal as well as on other
parts of the body. It is attended with great

meet with typhoid & typhus combined with
Synocha in pleurosy. All this should teach
us to forget the names of fevers & to be governed
only by their symptoms. It should teach
us further, that ~~he~~ in ~~a~~ being delivered

~~from the burden of nosology~~ ^{from the burden of nosology}, we are not
delivered from labor ^{in solicitude} in the treatment of
fevers. On the contrary, the facts ^{there are} ~~phase~~
laid before you for I deny that ~~I am delivered~~
~~a single theory~~ in the unity & transmutations
of fevers) ~~with~~ imposes upon ^{us} ~~you~~ the necessity
not only of visiting our patients very
often, but of examining their symptoms
with the same care, at each visit, that
we do, the first time we see them, as
every day, nay more every morning &
evening may exhibit to us a new
form of the disease.

stroke angles upwards & downwards - sometimes
only upwards - & sometimes downwards. He lost
lost ~~the~~ ^{of} his weight in 30 hours. He had sudden.
= fully weighed himself May 5th 1889 when in good
health. Two days before he was seized with this
disorder. His discharge was white downwards.

- The pulse in this disease is weak & quick -
irregular - sometimes
- ~~the~~ ^{the} parietals - anxiety - restlessness - great
sometimes cold - cramps in the bowels &
vitals - If these symptoms continue for a fatal
in 24 hours. ~~the~~

If called soon - the stomach sh^d be washed
with warm water, or any pleasant drink.
Dr. Penhallow directs Liniment with - not
time to wait for it. Stomach sh^d be laid
^{to} small quantities in pepper mint or any
Lemonade tea, or any other agreeable
drink. Increase them to 200 drops - Permeant
glysters should be given with it. The bowels
& stomach ~~should~~ be covered with warm

plastic - since truck lost. ~~There was~~
spirits. Sometimes sometimes retained by
water retained refused in water. This for
the Spontaneous infection. Shall and
Species. Aciditatis - From rapula -
from summer fruits - unwholesome stimulant,
- putrid fish - system - birds - whole families often
disappeared from this coast - the whole college of
50 boys came from regions that had fed on
poisonous and vicious as beaver victims
bitriole. The cure consists in 1. Irrigation
if the stomach & bowels will bear it. This
most necessary after rapula - or hard or
unwholesome stimulant - 2. Stimulants espe-
cially in the way of system - these are milk
Dr. W. W. W. W. W. W. 3. Dietition - This lessens
activity of all poisons by lipine concentration.
4. Dietition lessening the lipine of the system
or opium. Constitutional Remedies! Dr. Roberts
lost of Remedy. W. W. W. W. W. W.

+ Dr Hunter describes an immediate desire
to go to stool, to follow drinking or eating to
be a symptom of Dysentery in Jamaica.

attend on

✓ It is very apt to follow those seasons
in which the [↑]grain is ~~and~~ damaged
from any cause, & more apt to affect
the poor who live on succulent vegetables,
as potatoes - yams &c than those who
live on ~~good~~ wholesome grain.

Dysentery

" A contagious fever - frequent stools -
 mucous or bloody - cramps - griping -
 & tenesmus." ⁺ Proximate Cause - ^{of kind} except or defect
 of action in the Alim^t: canal - wth Stricture on the Colon.
 Long dispute whether idiopathic or. "sympto-
 matic disorder i.e. - whether it depends
 on a Specific Contagion, or on the same
 miasmata which produce remitting - bilie-
 -ous & intermitting fevers differently mode-
 -fied by the Constitution, ^{of the patient} or ^{by} the State of the
 Air. - Like them it occurs in the same seasons.
 & like them it succeeds long dry, & long
 moist & afterwards hot weather both of
 which favours the formation of miasmata.

D^r Sydenham seems to think it depends
 on Specific Contagion, & is different from
 Autumnal fever. He supposes that where

V Sometimes they are driven away altogether,
or compelled to hide themselves during the
prevalence of the reigning epidemic. Thus
the measles in 1670 & the intermitting fe-
=ver in 1671 banished the Small pox, but
in the beginning of 1672 when those diseases
had spent themselves, the small pox came
forward & became the Epidemic.
D^y Denham.

The Plague likewise banished all other diseases.
D^y

The measles banished the Scarlatina angio-
=nosa in the Spring of 1789. It appeared after the
measles disappeared. The Influenza did the same
in the fall of 1789. Scarlatina returned afterwards. D^y

several epidemics prevail, there will be
some one ^{of} which will predominate over all the
others, and incorporate itself with them.

^{kind of}
- Monachy seems to prevail in diseases,
and none are suffered to come forward w:
the ^{reigning} ~~reigning~~ disorder but such as wear ^{its} ~~some~~ ^{August}

Living. 29: The autumnal fevers of 1783
were all marked more or less with ~~the~~ some
of the symptoms of the *Scarlatina anginosa*
such as pains behind the ears - sore throat
& swellings in the hands & feet - for the
Scarlatina anginosa was the royal disease
of this season. The common fevers in Hydn-
-burn's time partook of the fever of the small
pox when that disorder was epidemic.
- They were ^{all} attended with the salivation
peculiar to the ~~poor~~ variolous fever. In
like manner - may not the dysentery
which accompanies interm? - vomiting

Huxham tells us that in the year 1752 when the Ulcerous sore throat prevailed in Plymouth, fevers of all kinds showed a disposition to sweat - to eruptions to sore throat, & were apter. Even the small boy was attended with dangerous Ulcers in the throat, & difficulty of swallowing. -

are so light as to
Some diseases appear as it were in water colors - while in other ~~cases~~ seasons of same diseases appear in mosaic work. -

V Mr. Bruce says that at Mafnah at Island in the Red Sea, they often change into each other. - Dr. Mosely says that he observed the stools ~~and~~ to be most frequent ^{at} the symptoms to be most aggravated ^{at} the time when Rheumatism had their exacerbations. - He also saw the diseases succeed each other. p 199.

Dr. Rhenside says - it is a Rheumatism thrown in on the bowels. - This Rheumatism

putred & even in ~~flam~~? ~~symptoms~~ fever, be-
 nothing more than symptoms borrowed
 from an original & idiopathic dysentery?

- And may not the reason why the dysen-
 tery wears its appearance with these fevers
 be owing to the malarial miasmata acting not
 as a remote, but as an exciting cause of a
 contagion previously existing in the body?

- The question is a knotty one - I have believed,
 & disbelieved ~~that~~ it to be ~~an~~ an idiopathic dis-
 ease above half a dozen times in the course
 of my life. ^{The single} ^{supposes them to be distinct}
 The decision of it ~~is~~ not very
^{Disputes} important. Most of our Dysenteries, I
 believe are symptomatic. What Syden-
 ham calls "febris introversa". This differs
 from its yielding to generally to the
 usual remedies of putrid malarial fevers.
 viz ~~some~~ ^{these} remarks. ✓

1 Dr Sydenham tells us that the

mistaken for the Remitting fever which is attended
with pain in the bones. - Perhaps it may in
some cases. I once saw it in Mr. Litch's case.

1. The dysentery contagious - even when chronic.
Johns & Lind relate an instance in a man
who had it two years. It infected every person
who used the same house or else took with
him. - The privies Pringle says a great
source of infection. Is not uniformly
contagious, - but on a footing with
Remitt^d & intermitting fevers. - DeGuer
says the Jews & French people two old men
of the latter excepted, all escaped the plague
which raged at Marseilles in 1736. -

~~2.~~ Pringle says it not contagious, ~~but~~ if Dr
Sydenham's doctrine be true of its being febrile
intermittent - for ~~the~~ fevers are not contagious,
but in this he is mistaken - for remitt^d.
& even intermit^d fevers are. Often so. -

Idiopathic Dysentery, generally disappears upon the approach of cold weather, but that the Dysenteric fever, or Symptomatic Dysentery frequently continued during the part, or the whole of the winter. This fact favors the first opinion. ✓

2 In this country, Dysentery most common in high situations as Spruce town, Chestnut hill - White marsh & Princeton.

- Intermittents scarcely known in either of these places - but it is remarkable, that at the same season inter-
mittents always prevail in the countries below them. This favors the idea of its being a symptomatic disorder, ~~but that~~
Those high situations are both more dry than the country below them, & the vicissitudes from heat to cold greater in the night,
- It is of consequence to inquire how far these two circumstances may favor

3 It is more common & more fatal in
country places than in towns. Probably
the difficulty of obtaining help in time may
be one cause of this, but the generous
spirit of citizens probably tends more
to fortify the bowels against it, than the
more temperate & simple diet of country
people. First at Jersey College in 1759.

^{Now no more of the city boys had it.}
It is more common among the negroes
than the white people according to Dr
Hillman in the Island of Barbadoes. It
is the disease which is generally so
fatal on board ~~of~~ the Ships which
are employed in the African Trade.

go back to page V

4 Summer fruits accused ~~improperly~~
of being the cause of this disease. An
excess of ripe, or a small quantity of
unripe fruit may produce it. But

the formation of an original, or favours the
complication of a symptomatic disorder. ✓

The history of the disease accurately given by Dr. Allen - Dequene says he never saw it accompanied with a pain in the head. Other writers describe ^{the} an excruciating pain in the head as one of its most characteristic symptoms.

It is most fatal to old people - women
& children - especially the latter. ^{It ad-}
~~It ad-~~ tends to death. Few recover without the
aid of medicine, & few die who are treat-
ed properly in it. ~~Prostate must be~~
~~understood as the disease on the prostate~~
As the disease is so much affected by
Seasons of the year & mixture with other
diseases, the treatment must be dif-
ferent according to the season or its compli-
cation with other diseases.

1 If Inflamⁿ & athesis, or great excess of
Action in the pulse without it - V.S. - seldom
succeeds in our climate. Never but once.

mixed with salt diet
used in moderation tends to prevent it. Dr
Tipton used them ⁱⁿ success in the cure of the
Dysentery? ~~Mixed with salt diet~~ ⁱⁿ many diseases
in former prevented by salt diet - none
more than Dysentery. Count Castiglioni's
remark on the inhabitants of Carolina.

5 The late excellent Dr. Clark informed me
that he had once seen a Dysentery go off in a
^{spontaneous} profuse salivation.

6 I once saw a Dysentery suddenly terminate in
inflamed Ophthalmia & Rheumatism.

✓ In the West Indies - salt & lime juice
used - but chiefly for negroes - in whom
there is weakness or defect of action from
the beginning. It is used ^{like} Rhubarb
only in the 2nd stage here. - also
Lentils out - but Juice of Lemons & the Vinegar
relapses in my father's family.

- blood is very - patient died. - One of two
molasses & vinegar a P.D. in my
adults lost by me. - 2 Vornits - To be used
Brother's family a cure in three cases. Each, of each
only when great nausea, or evident
more by its being felt in intestine as appear.

Last Inst. to be preferred. 3 Buzgos.

These should be of the most lenient kind.

Crem. $\frac{1}{2}$ - Galls - Castor Oil - Mennad
to be used every day - or every
other day - Jalap drastic - & Rhubarb?

nauseous & griping. It should never be
used but tested - takes off its griping
& it is quality. ✓ - 4. ^{ghosts} ~~Operate every~~

~~But~~ Sydenham highly commends
partially they give Zip milk &c.
they are so seductive. To water used
instally. It be only where there is ^{obstruction} accip
5 Opials - every night & sometimes
in the Day time also wine. -

Elixirs - Whisky commended by Dr.
 Sydenham - Flaxseed tea - Rice &
 Barley water - Camomile - & mallows
 teas all proper. - Cold water used by the
 poor with success. Huxham's
 & Demulcents - Write Directions.

✓ Dispositions show inflammⁿ chiefly in
the lower bowels.

His Ind. Pingle remarks that the disease
is the same in all climates & yields
every where to the same remedies. Dr
Keatsley ^{senr} says he never saw it & like two successive
years in ^{England}
The continuation of Dysentery & fail
ures he ^{his Ind. Pingle} says generally fatal.

A Stomach sometimes accompanies
It.

Absent Countenance - restlessness without
pain - ^{or no} intermittent pulse - hiccup (except
in the beginning) sore throat, cardiorrhea
stertor and squeaking voice all indicate
low danger and death. The exception
only to the last symptom - from Fishburne.
It is remarkable patients in the last
stage of this disorder ~~have~~ and in cholera

with shavings of Hartshorn & Iron
 Arabic - ^{emulsion of fish} milk & mutton fat - Dr.

Buchan's diet, of boiled flour made into
 soup ^{used first by Dr. Hunter} & butter.

gruel & excellent! also Broths of all kinds.
 Senae denied them & gave only debilitating & demulcent
 & Blisters - to the lower & or extremities.

I always use them after 5th day if the
 Disease ^{does} not ~~yield~~ to other medicines. They
 are more especially useful in Intercourse.

Q Bark - very proper where eruptions
 appear in the morning, or when the
 disease is worse every other day. If sym-
 ptoms of great debility, or putrid septic
 diathesis appear may be given much
 earlier. 10 Emptying privies. ✓

Dysentery often succeeds Dysentery.
 Remedies - port wine - ^{glyster of Sp. of Rhubarb} - generous diet -
 & gentle exercise. Sometimes ^{trigonous} baby
 & I once saw a case of palsy of the
 arms - follow Dysentery.

Dr. Cullen gives five varieties.

have a good deal of strength, & often set up
or walk about to the last even with ~~these~~
livid hands & face. —

+ McIndley's part of, purges & salt water
preventing Dysentery twice, when epidemic.

McBride describes a Dysentery which
began with a Dysamhoia. "It is rarely cured
if it begin in the rainy season, but if it
happen in the sunny six months, or at the
end of the rainy ones small doses of Opic^a
carry it off, or change it into an Intermittent"
Annistis says Rhubarb, purges in infusion
extract - & decoction - in the same it is more
astringent - trasting increases its astringency
Encyclo: 313

Willis says in the Dysenteria Cruent of
1570 no purges - vomits - or V.S. did good; only
cordials. See Dr. Sydes' An^t of Dysentery in reply
in his letter to me.

1 with worms. 2. Scabrous or fleshy matter.
 3 Intermittent fever. 4 without blood. 5
 with military eruption. — all require the
 nearly
 same treatment. where worms attend
 his In ^{the} single gave Calomel with his
 purges.†

The Dysenterica like the
Febriola - does not confine the patient
 to his bed. Cured by Blisters & Bark if
 other medicines prove ineffectual.

Let:

of the mild Intermittent state of fever.

“~~Fever from malarious miasmata~~, con-
 sisting of different paroxysms recur-
 ring at different periods ^{generally} with chillings,
~~it only comes in a day~~” I say generally,
 with chillings - when without called
 remittent ague. The chill the voice. —

They are quotidian - tertian & -

in unaltered

V These compositions are - 1 for the fection 2 a fitt
every ~~the~~ day - the strongest on the 3rd 2 Two fitts
every other day. 3 ^{Two} 2 fitts every ^{other} day & one on the
intermediate day. 4 2 fitt every day with a greater
remission between the 3rd & the 2nd day than between
the 2nd & the 3rd. ~~the~~ ^{the} ~~compositions~~ are only admitting
all bidens compositions of Books belong to this
class.

II The Operation - 1 a fitt every 4th day. 2 Two fitts
on the 4th day. & none on others. 3 ~~Two~~ Three fitts
on the fourth day, & none on others. 4 the 3rd
day only free from fever - the same force of fitts
on the 4th day. 5 2 fitt every day - the fitts on the
4th day alike.

III quadrant - varied by being more or less con-
tinual - or by ^{affecting a part or} ~~being continued with~~ the whole
system, or two fitts every day.

For class the original type.

turn over - to 93 ✓

✓
 quartan. ~~which~~ all these compos-
 itions of intermittents, mentioned by
 Dr. Julius have been considered ~~more or less~~
~~properly~~ under the head of remittent fever.
 They are notwithstanding one disease
 & from the same cause. The intermitting
 fever becomes remittent, only in proportion
 as it is combined with ^{inflammation} ~~inflammation~~. The
 less of this, the more ~~remittent~~ ^{it assumes} ~~the~~ inter-
 = mitting type. In quotidian less than remitt-
 = tent. In tertian less than quotidian - &
 in quartan less than tertian. Some we
 find the same fever will ~~show~~ ^{show} all
 the types of remittent - ^{quotidian} tertian & quartan
 according to the ~~the~~ disposition of inflamma-
 = tion & of action in the system.
~~disposition or groups of solubility. These too~~
 weakly & old people most subject to
 the quartan - & hence the greater

✓ From the end of one full, to the beginning of another
- Intermission - From the beginning of one
full, to the beginning of another Interval.

Placidity of the *Quantum*, than any other
 species: it depends upon the lowest degree
 of ^{predisposing} ~~habit~~ ^{excitability} - V

What is the difference between the
 debility in *intermittent* fever & in the *typhus*?
 - In the latter - ^{little} ~~no~~ excitability - In the
 former - ^{excitement} ~~excitability~~ is often in excess - hence
 the termination of every paroxysm in an
 intermission. [There is ^{some} ~~a~~ deficit of excitement
 in both cases - but much greater in the
 typhus.]

[What is the cause of the occurrence of
Intermittents? Dr. Wilson ascribes it to
 habit, & a secret influence of the ~~earth~~
 heavenly bodies on our Constitutions. After
 into a reproduction of these meteoric causes
 in the system - then first hypothetical,
 the last not true - ^{or} *Intermittents*
 occur in the Spring.]

V The same causes operates both on the

Anterior & nervous system. Mullen's
theory is certainly

a step towards it. There is certainly a
disposition

in disposition in the body & mind to the repetition

of motions, and ~~these~~ actions. Instances of it

occur every day. We eat - sleep - discharge

gases. Urine from habit at a certain hour.

~~Perhaps appreciation of ideas ^{or images} leading to strength in~~
~~Physical part of the woman & the tooth. Muff.~~

~~Perhaps a single impression of ^{or absence of} the music is~~

~~not conscious may ^{be} ~~bring on~~ convolution in~~

~~the Anterior system, as a single shot does~~

~~repetition of convolution in the nervous system.~~

Tracts of flowers on the same day after 1st of
June every year - also of boys foliages. - also of
visiting a patient at the same time next day
that he first went - also some degree of light
to temperature of air inducing a sensation of
sleep - conversation - and a strong emotion pulling
off a fitt. -

Duration of the
The text says Dr. Thury vol. 2. p. 109 is not
counted by the days or weeks - but by ^{months} weeks &
years in the moist climate of Astoria, ^{where} ~~the~~
kills not by its violence, but its duration. Fevers
here terminate by ~~urine~~ - dysentery - dropsy - or
salivation. ~~I have had it 10 years. It some-~~
~~times obstructs itself with intestinal for years in our country.~~
~~Dr. Thury had it 16 years.~~
It is moreover when neglected, or im-
properly treated, the cause of many
chronic and fatal diseases. But what
adds most to its importance it is the
original form of all fevers. It becomes
we therefore to study its nature & remedies with
as much care as the diseases supposed to be
of a more fatal nature.

V treatise upon the Diseases of St
Lucia commends it in high terms.
I have ~~constantly~~ ^{often} used ^{it} in ~~the~~ ^a
~~Liquid form~~ ^{moderate state of} in the paroxysm of
the fever, & I think with great advantage.
- It composes the vomiting - lessens
pain, and disposes to sweat. Some
Physicians give Bark in the fit of
the fever. I can easily conceive of a
state of interm^d fever so ^{low} typhus, as
to render the Bark both safe and
useful in the paroxysm, but I have
always found Lⁱ sufficient to answer
all the ends of Cinch. — here
the action is ^{so} weak, that Opium
predominates over it. In the malig^t
state of Interm^d fever Opium increases
of disease — may more — induces Death. #

time of ³⁵ ~~attaching~~ [§] ~~on the morning~~. Patients in
the paroxysm are objects of medicine. It
sometimes proves fatal. ~~But~~ Some say
in the cold fit - But I ^{do} say - not
I believe him ^{for} the cold fit ^{is} the first ^{symptom}
of Anterior ^{in the system} ~~of Anterior~~ ^{one of} miasmata, or
~~debility~~ ^{sometimes} ~~like lightning~~ or poison
by sudden destruction of excitement. ^{It}
is further of consequence to moderate the
fit - to ease pain - to prevent visceral
obstructions - & to preserve the strength of
the system. In every fit there is ^{more or less}
great apparent action - ~~great debility in~~
~~the stomach~~ ^{the} ~~vomiting~~ ^{vomiting}. ~~strong~~
remedies for it & are 1st the stimulus of
heat - best procured by warm bed,
& warm drinks - punch ^{is} the most
agreeable. 2 Opium. I follow ~~the~~
~~say on capisicula~~ in his V

+ in former years, & of late I have depended chiefly upon it instead of the Bark. - It was first used by Glind.

The remedies for this purpose are such:
2 Hot Bath 3 Cold Bath. 4 wine and Ard.
1/2 5 Vinegar & Hooper. 6 Sulphur acid.
7 Nitre. 8 Sassafras - 9 Stramonium
tied to the Ankles. 10 a ride on horseback
11 sleeping before a fire. ~~on British~~
~~riding on the ground~~ They all act by remo-
ving predisposing debility. +
Officer. Boyle - & Dr Rich's case.

✓ The supposed bite of the Tarantula in
Apulia cured by dancing from dancing.
It is an intermittent - occurs every
year from remote causes of intermittents,
but unfortunately at the same time the
epidemic called Tarantula makes its appearance.
[bale appearances]

+ 10 cups Urine - from Apoi-
-ation - 11. The Goumequet
prevents the chill - opens hot pit - quickens
& fills the pulse. - afterwards calls below per.

11 To prevent the return of the fitt just
before its Attack. ~~It~~ ^{may} be done ~~by~~ ^{by} a great variety of

medicines - all of which act by keeping
that debility, which is always greatest
just before the Attack of the fitt. ~~They are~~
1) ~~oppressive~~ ^{oppressive or temporary} - 2) ~~radical~~ ^{radical}. The first are
~~oppressive~~ ^{oppressive}. 30 or 40 drops of
given ~~an~~ ^{several} times ~~before~~ ^{before} the fitt is over

fail of strengthening the fitt. I have tried
Stimulorum to the ankles and the same
it with success. 2) Accumulations of various
effluvia - also Tobacco & pepper th Vinegar.
kind - particularly Nutmegs. 3) ~~tonics~~ ^{tonics}

consisting of bitter & astringents such as
willow
Century a camomile - Dogwood - Camomile
poplar - ~~gentian~~ ^{gentian} - ~~black~~ ^{black} or gall ~~alum~~
~~also various~~ ^{acts as}
4) spiders web, or juice. - a stimulant.

5) ~~medicines~~ ^{medicines} before the fitt, & drinking at
the same time some hot ~~medicines~~ ^{medicines} li-

quor. 6) Riding on horseback. 7) ~~Iron~~
from Richards case. 8) Cold Bath. 9) ~~light~~
singing. ^{generally} All these only ~~prevent~~ ^{prevent} a single fitt.

V Recommended in this way by
Dr Lister & since by Cullen & Latity
by Dr. ~~Walter~~. opposed only by Home

V ~~Dr~~ ^{Dr} Home denies this, & reform mends it
drummed? after a fitt. He says just before
a fitt - it increases it - & prevents or
mitigates the ensuing fitt. Both ways
lost - I give it during the whole inter-
-mission. Home doubtful! visceral Obstruc-
-tions not to be regarded. Balfour I

+ And before full & change of
the Moon. ~~It~~ It should be taken in milk
Wine - or porter. But as it sometimes objects to

~~It~~ ^{as} It is difficult to give it to Children. ~~tho~~
Therefore be applied in washes, ~~on~~
bath, ^{or glisters.} the extremities of the arteries, on
surface of the body very visible in Children..

D in the form of a powder - Other modes of
giving it have been proposed. a Doctor highly
recommends drinking the following beer. Viz Bark &
brown sugar & water as much as will
be sufficient to cover it, & thus to induce a ferment
in it. (ach:) in any agreeable vehicle at bed.
gh: - It may be taken in our extract ^{in pills or} mixed
with water & a little spirit ^{But it is most}
^{not fit for other uses. independent of best preserved.} effectual in powder. In contemplating the
^{use of} general & invaluable benefits of this noble
remedy, we are struck with 3 things in its his-
tory. 1 It was discovered by an Indian. 2 It was
introduced into medicine by a priest - ^{3 It was} ~~not~~ ^{discovered}

Some preventing ⁹⁹ was should be given.

occasionally near the usual time of its
recurrence, in ^{red back} 8 & 10th days. Bank
does not produce visceral obstructions. ~~red back~~
10th + 11th days. 11th + 12th days. 12th + 13th days.

But there are cases where such
feints & what there? 2^d - highly com-
-moned by Dr. Blane. - Part of this
faints - what then? 3^d Blisters. They are ^{eldom}
fail. But, if they do cease - what then?
is the materia medica - exhausted? No?

4. Bleeding. This has ~~never~~ ^{recently} received me,
if used in winter, ^{and} ~~produces~~ ^{produces} when lots of
bark have been given to no purpose. It
succeeds in ~~some cases~~ ^{some cases} as well as tertians.

Now can we reconcile this remedy wth our theory
of forces? - perfectly well. Our definition
includes existence of cause & defect of action.

There is excess in one part - defect in another of the body. The excess is in the Digestion - hence the intermixtures which

scouted out of practice by regular bred physicians,
^{It was} ~~renewed~~ restored to use by a quack of the name of
Fabor, ~~from 175~~ It is still unpopular in France,
& more so in Holland, where from the ~~neglect~~
prejudices against intermittents ^{are} still attended
with fatal diseases.

✓ A case of its success related by Dr Monro
in 2^d Vol. of med. Transactions.

require V.S. are generally accompanied by
 pains in the sides, breast - or bowels - hence they
 seldom occur till after June, or in the spring.
 That this is the case, I infer from the obstructions
ⁱⁿ these parts of the body which follow in
 - termittents. They are probably at first atten-
 ded with inflammation & might have been cured
 by V.S. - Certain it is - no such obstructions
 are to be found where V.S. has been used.

- The blood in these cases is always sizey. I
 have sometimes found two bleedings necessary.
 Should ^{Bleeding} fail, is there any or should it
 not be indicated by the season of the year, and
 the congestions above mentioned, is there
 any other remedy? - yes - i.e.

5 mercury. - The late Dr Bond was very
 fond of it. I have used it wth success. It opens
 obstructions, & gives tone to the arterial
 system. Sh^d be followed by ~~drastic~~ generous
 diet. -

V Is there any difference to be observed
between the cure of Venereal & Mercurial
Intermittents? no other than opening a
Urethra in some cases in the former, and
giving purging more liberally. As to the idea
of their being healthy ^{in the spring}, I discard it. It arose
from theory which often misled even Dr
Sydenham himself. The story of King
James the Ist.

we are not yet exhausted. ~~It fails~~
~~Exchange of Air. Highly recommended~~
~~by Dr Denham. Used with success by Jos.~~
~~Montgomery - not always successful. Bruce~~
~~had an Intermittent 16 years caught during his~~
~~travels. - I have said nothing of Quinine in the~~
~~Intermittent fever. Introduced by them when~~
~~Intermittents were supposed to depend on~~
~~bile. But they are in most cases unnecessary.~~
~~They increase debility. If Bile abounds it~~
~~may be removed by purges. The efficacy of~~
~~the efficacy of Bark not increased by~~
~~them. Should never be used - except in~~
~~2 cases. 1 Before the disease is formed, &~~
~~2 where great prostration, or tendency to~~
~~perpetual fever appears. & V~~

V I said that ^{certain diseases and} there were ^{typical} ^{under} ~~periodic~~ pains (generally periodical) which
 the Intermittents conceal themselves.

2^d
X The coma & apoplexy are the most alarming. I suspect patients who die of the paroxysm of Intermittents die of Apoplexy. I have seen ~~it too~~ both coma & apoplexy frequently. I once saw the apoplexy upon the tertian type in Mrs. Deane. They both yield to blisters to the neck and afterwards bark.

3 Convulsions. Most frequent in children. One of my children had them till he was 2 years old. Cured by Laud: & Bark. -

4 Inflammⁿ Congestions by Heat.

5 Cholera. This often occurs. Is described by Tnac. I have seen it twice fatal in men advanced in life, Jos: Redman & Buchanan in 1780. Perhaps where Cholera does not yield to Ld: it is derived from Intermittents. Dr. Hay, says, fact of quotidian vomiting.

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"febris ^{intermittens} ~~intermittens~~"

D. Senac calls them ^{but} forma larvata.

6 The headache is ^{the story of} ~~in fact~~ the Eastern ^{parts} ~~history~~ of
Scotland related by D. Fullen. This pain
is often the forerunner symptom of the inter-
-mitting fever - and often attends without
it. To be cured by blisters & bark when
it intermits. & perhaps by extraction of ^{decayed} tooth

7 When the ~~inter~~ disease conceals itself under
the pains of the jaw - ears - eyes - liges -
or back - ^{The Guardian must not be to blame there} it should be treated by blisters & bark;

8 Efflorescence - ^{complaints} no particular treatment.

9 Myctalopia - ^{in all the cases} one general remedy.
probably intermittent - ^{bark has cured it.} ~~intermittent~~ ^{epidemics.}

10 spoke of monarchical ~~cases~~ no one
has so extensive an empire as intermittent.
- no complaint can ^{while they prevail} ~~show~~ itself without
doing homage to them. ~~and so~~ I have known
them blind themselves with the perspiration
of fever itself. Let the knowledge of this fact lead
them to suspect their presence more frequently in
other diseases, & to treat them accordingly.

The diseases which follow the Intermittent fevers
are Dropsy - Jaundice - Obstruction of the liver
Spleen - Intestines - Crystalline & Gallbladder.
The last are known.

Known by the names of Spleen & Gallbladder.

Less frequent since the use of Quack. Highly
improper to ascribe them to it. To remove
these Obstructions Dr Bourne gave
pills of myrror & turpentine. Calomel ^{is} gent.
to be preferred to them in small doses.

Shall I speak of them hereafter. The swelling of
the ^{legs} ~~limbs~~ good sign Dr Sydenham says
in Adults - & of legs & belly in Children. an
acute ~~inflammatory~~ disease changed for a chronic.
^{Restorative proper.} Dr Sydenham speaks of inflamⁿ of tonsils
~~Mercury~~ improper after the cure is com^d.

=pleated. Produces relapses. - Dr Kraham used
the Cold Bath with Advantage as a tonic &
restorative.

Shall we employ Intermittents
to cure mania - Epilepsy &c? - no -
I shall only add to our account of this

Three ~~two~~ facts. The first was
disease ~~a curious~~ ^{fact} communicated
to me by Dr. Laypoole. ^{It is} that he had often
known the intermitting fever & a mild
Yononhea alternate with each other
in North Carolina - the fact is important,
& I shall make use of it upon another
subject hereafter.

2 Dr. Clark of New York has lately con-
firmed ^{by ~~ing~~ a number of cases} the opinion of Dr. Leghorn that
the intermitting ^{fever} is not generally, yet
certainly a contagious disease.

3 Dr. Irvine (the discoverer of the art of making
fresh water out of salt) says that a mania
often attended the interruption of intermissions
on the Spanish main in 1780 without
any fever. Dr. even fell delirious by
Vansinctor.

